

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended): A cast coated paper for an An inkjet recording, wherein said paper is an ink jet recording medium comprising:
a substrate having air permeability, and
a recording layer formed as a top layer of said medium, wherein said recording layer is formed by applying by coating a coating solution containing γ -alumina having an average particle diameter of 8 μ m or less, an alumina, a resin emulsion of urethane resin emulsion having a glass transition temperature of 10°C-50°C, and a polyvinyl alcohol,
wherein said recording layer is a glossy layer formed by applying a treatment solution, having a solidification function with respect to the polyvinyl alcohol in said recording layer, to said recording layer while said recording layer is wet layer, then pressure adhering said recording layer to a heated surface of a mirror surface drum, while said recording layer is wet, to dry said recording layer, on a support having air permeability, wherein said alumina is γ alumina having an average particle diameter of 8 μ m or less, said resin emulsion is a urethane resin emulsion having a glass transition temperature of 10°C-50°C, and the image clarity of the surface of said recording layer is 20% or more.
2. (Currently Amended): The cast coated paper for inkjet recording medium according to Claim 1, wherein the cationic degree of said urethane resin emulsion is 0.6 or more.
3. (Currently Amended): The cast coated paper for inkjet recording medium according to Claim 1, wherein a film of the urethane resin obtained from said urethane resin emulsion is an emulsion whereof the film has a contact angle of 50° or less relative to water.
4. (Currently Amended): The cast coated paper for inkjet recording medium according to Claim 1, wherein said urethane resin emulsion is an emulsion of a polyester type cationic urethane resin emulsion.
5. (Currently Amended): The cast coated paper for inkjet recording medium according

to Claim 1, wherein the average particle diameter of said γ -alumina is 1.0 μm -4.0 μm .

6. (Currently Amended): The cast coated paper for inkjet recording medium according to Claim 1, wherein the particle size distribution range of said γ -alumina is 0.4-12 μm .

7. (Currently Amended): The cast coated paper for inkjet recording medium according to Claim 1, wherein said recording layer is a glossy layer which does not contain silica formed by applying a treatment solution having the action of solidifying said polyvinyl alcohol in said coating layer, to the wet coating layer after coating, pressing said coating layer onto the mirror surface of a heated drum while said coating layer is still wet, and drying.

8. (New): The cast coated paper for inkjet recording according to Claim 1, wherein the average particle diameter of said γ -alumina is 2.0 μm -3.0 μm .

9. (New): The cast coated paper for inkjet recording according to Claim 1, wherein the surface area of said γ -alumina is less than 200 m^2/g .

10. (New): The cast coated paper for inkjet recording according to Claim 1, wherein the surface area of said γ -alumina is less than 160 m^2/g .

11. (New): The cast coated paper for inkjet recording according to Claim 1, wherein said recording layer contains, in addition to said γ -alumina, a pigment selected from α -alumina, θ -alumina, synthetic silica, kaolin, talc, calcium carbonate, titanium dioxide, clay and zinc oxide.

12. (New): The cast coated paper for inkjet recording according to Claim 1, wherein said urethane resin emulsion is obtained by: (1) reacting a diol or triol with a di-isocyanate, tri-isocyanate or tetra-isocyanate, or polyisocyanate; or (2) reacting 1,6-hexane di-isocyanate, 1,4-butylene di-isocyanate, toluene di-isocyanate or xylene di-isocyanate with 3-butanediol, 1,4-butanediol, 1,6-hexanediol, polyethylene glycol, polypropylene glycol, polyester polyol or polycarbonate polyol.

13. (New): The cast coated paper for inkjet recording according to Claim 1, wherein the blending amount of resin component in the recording layer is 5 - 40 wt parts relative to 100 wt parts

of pigment.

14. (New): The cast coated paper for inkjet recording according to Claim 1, wherein the amount of polyvinyl alcohol in the recording layer is 2-30 wt parts relative to 100 wt parts of pigment, and the amount of urethane resin emulsion (solids) in the recording layer is 2-30 wt parts relative to 100 wt parts of pigment.

15. (New): The cast coated paper for inkjet recording according to Claim 1, wherein said treatment solution contains boric acid and a borate.

16. (New): The cast coated paper for inkjet recording according to Claim 15, wherein the blending ratio of borate and boric acid in said treatment solution 0.25/1 to 2/1.

17. (New): The cast coated paper for inkjet recording according to Claim 15, wherein said borate is selected from borax, orthoborates, diborates, metaborates, pentaborates and octaborates.

18. (New): The cast coated paper for inkjet recording according to Claim 1, wherein a release agent is added to the recording layer coating solution and treatment solution.

19. (New): The cast coated paper for inkjet recording according to Claim 18, wherein the melting point of the added release agent is 90-150°C.